

MATERIAL SAFETY DATA SHEET

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DATE PREPARED: 09/18/06
PRODUCT: Ironite 1-0-1
CHEM TREC: 1-800-424-9300

SECTION I – PRODUCT INFORMATION

COMMON CHEMICAL NAME: (Fertilizer) 1-0-1

Urea CAS# 57-13-6
Muriate of Potash CAS# 7447-40-7
Calcium Sulfate

Contains secondary micronutrient plant food such as: boron, iron, manganese, molybdate, zinc

SECTION II – TLV

N/A

SECTION III – PHYSICAL PROPERTIES

COLOR: A blend of reddish, brown, gray and white granules with a slight ammonia odor.
FORM/APPEARANCE: Crystalline Solids and granules
SPECIFIC GRAVITY: Bulk Density= 55 – 65 lbs./cu.ft.
SOLUBILITY IN WATER: 95% in water
DECOMPOSITION TEMP.: Ambient (Average Warehouse) Temperatures

SECTION IV – FIRE AND EXPLOSION DATA

FLASHPOINT: > 500 degrees F
FIREFIGHTING PROCEDURE: Water or foam
UNUSUAL HAZARDS: Keep away from heat and open flame. Remove containers from fire area. Paper bags may burn; plastic melt.

SECTION V – HEALTH EFFECTS

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.
Routes of entry for gases include inhalation and eye contact
Skin may be a route of entry for liquefied gases.

ACUTE OVEREXPOSURE EFFECTS:

May cause irritation of the skin, eyes, and respiratory system.
If ingested, may cause gastric upset, ulceration or hemorrhage of the G.I. tract and diarrhea

CHRONIC OVEREXPOSURE EFFECTS:

There are no known chronic effects associated with this material.

FIRST AID PROCEDURES:

SKIN: Wash with water, remove and launder clothing before reuse.
If irritation occurs, seek medical advice.
EYES: Rinse with water for 15 minutes. If irritation occurs, seek medical advice.
INGESTION: Dilute with water, induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Seek medical attention.
INHALATION: Move to fresh air. Aid in breathing, if necessary, and seek medical advice.

SECTION VI – REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: N/A

CONDITIONS TO AVOID: Keep product dry since moisture will harden product and render it unstable.

DECOMPOSITION PRODUCTS: Ammonia, Buires, Carbon Dioxide, Carbon Monoxide

SECTION VII– PERSONAL PROTECTION

CLOTHING: Gloves, coveralls, apron, and boots as necessary to prevent contact.

EYES: Safety glasses or goggles.

RESPIRATION: NIOSH/MSHA approved dust mask as necessary.

VENTILATION: Use local exhaust to control as needed.

OTHER PERSONAL PROTECTION DATA: Eyewash fountains and showers accessible.

Shoes plus socks.

SECTION VIII – SPILL/LEAK; ENVIRONMENTAL

GENERAL: Contain and reclaim if possible.

SECTION IX – STORAGE AND HANDLING

Store product in its original labeled container in a cool, dry place locked place out of each of children.

SECTION X – REGULATORY INFORMATION

SARA TITLE III: This product contains no material listed under SARA 313.

IARC, NTP, OSHA CARCINOGEN: No ingredient in this material is listed as a carcinogen.

NOTICE FROM GRO TEC, INC.

The information contained herein is offered only as a guide to the handling of this specific material. Since such information does not relate to use of the material with any other material or in any process, any person using this information must determine for himself its suitability for any particular application. The buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.